ORION 60-20

Type	60-20
Input voltage variation	±20 %
Rated power	60 kVA
Input voltage range	320-480 V
Max input current	108 A
Output voltage	400 V
Rated output current	87 A
Efficiency	>98 %
Adjustment speed	12 ms/V
Dimensions WxDxH	600x800x1600mm
Weight	425 kg

Standard features

Voltage stabilisation	Independent phase control
Selectable output voltage	220-230-240V (L-N) / 380-400-415V (L-L)
Frequency	50Hz ±5% or 60Hz ±5%
Output voltage accuracy	±0,5%
Admitted load variation	Up to 100%
Admitted load imbalance	100 %
Cooling	Up to 45kVA ±15% natural ventilation From 60kVA ±15% aided with fans
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	<95% (non condensing)
Admitted overload	200% 2min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP 21
Instrumentation	Output digital multimetre
Installation	Indoor
Overvoltage protection	Output class II surge arrestors (over 60kVA ±15%)

Optional Standard Accessories

Interrupting devices ABB / SCHNEIDER - INPUT	DI ABB / SCHNEIDER 125 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 100 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 100
Disconnector and changeover switch ABB	D-IC ABB 125
Input three-phase isolation transformer DYN11	DYN11 115A
SPD Surge arrestors ORTEA	SPD ORTEA INPUT CLASS I 25/4
SPD Surge arrestors ORTEA	SPD ORTEA OUTPUT CLASS II 20/4

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